

A cross-sectional view of a semiconductor device 20. The device includes a substrate 22 with a top surface 23. A series of five rectangular regions 11, 12, 13, 14, and 15 are formed on the top surface 23. To the right of these regions, there are two more rectangular regions 30 and 31, and a larger rectangular region 40. A vertical line 42 is shown within the larger region 40. A dashed line A-A indicates the plane for the cross-section.

This plan view shows the layout of the electrodes on the substrate. A wavy line at the top represents the boundary of the substrate, with a label '22' and an arrow pointing to it. On the left side, a vertical arrow points upwards, labeled '25'. The first set of electrodes, labeled 11, 12, 13, 14, and 15, are arranged in a horizontal row. The second set of electrodes, labeled 30 and 40, are arranged in a horizontal row to the right of the first set. Each electrode is represented by a rectangle, and lines connect the labels to their respective rectangles.

Fig.2

2/3

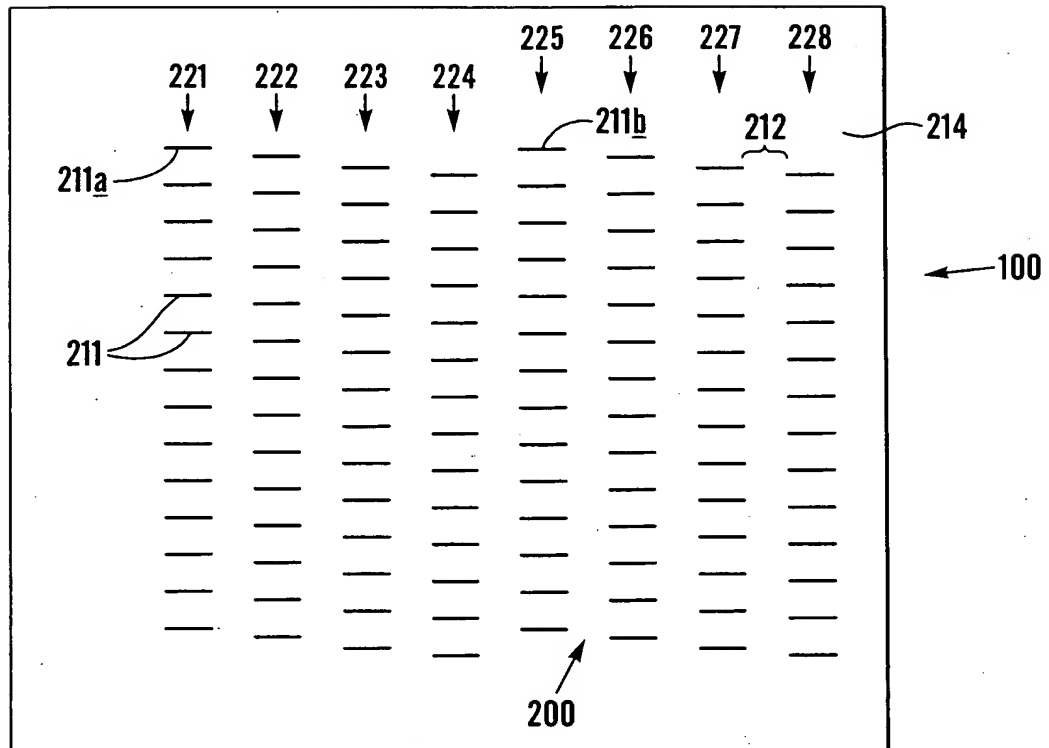


Fig.3

3/3

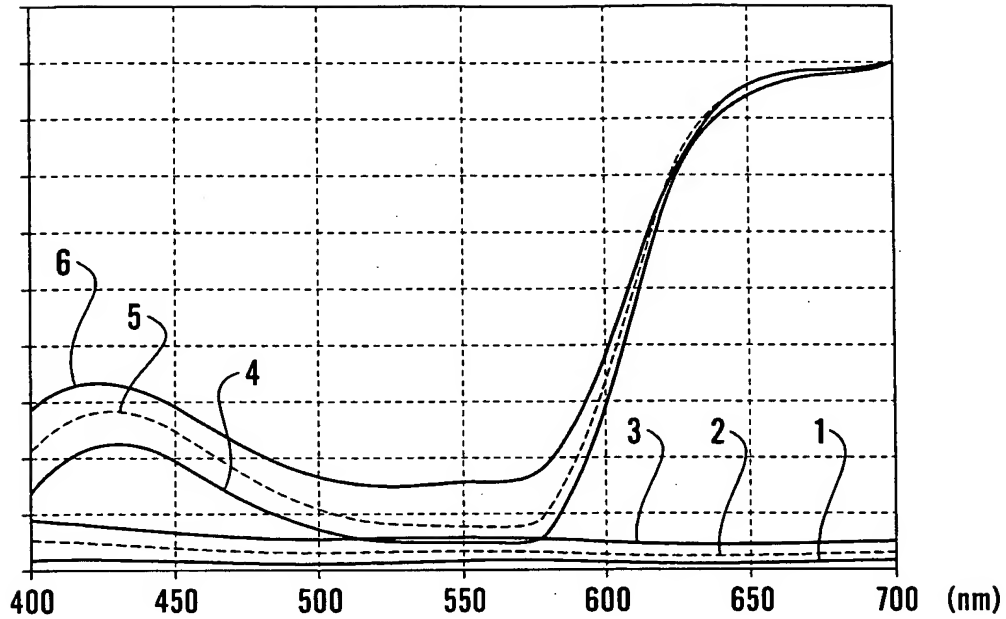


Fig.4

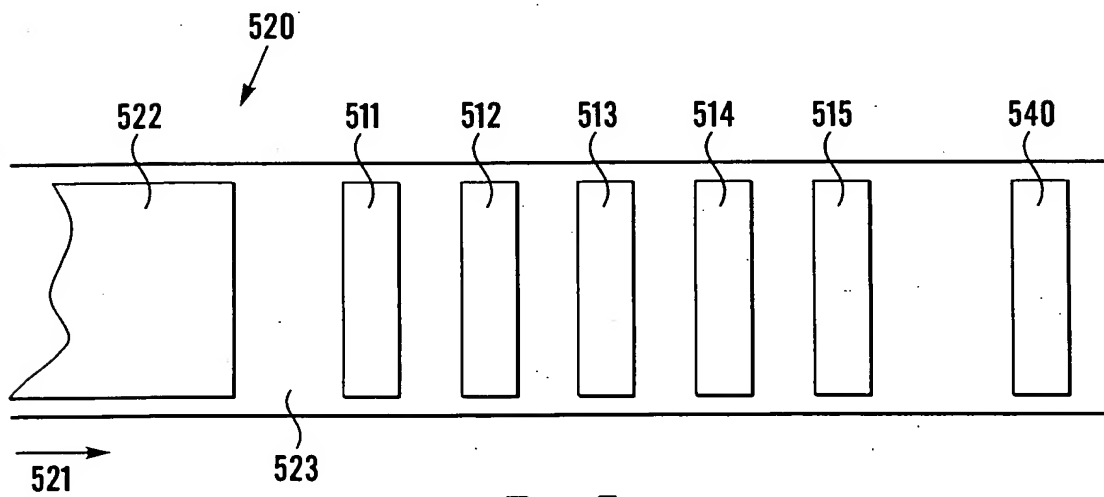


Fig.5